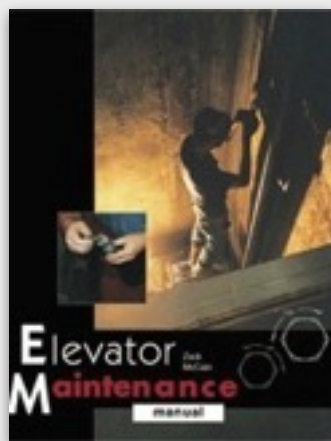


Elevator and Escalator Maintenance Course Series



Entire Series:

11.5 contact hours credit
(1.15 CEUs)

Individual Courses:

- ✦ **General Elevator Maintenance**
4.5 contact hours credit (0.45 CEUs)
- ✦ **Traction Elevator Maintenance**
3.5 contact hours credit (0.35 CEUs)
- ✦ **Hydraulic Elevator Maintenance**
2.0 contact hours credit (0.2 CEUs)
- ✦ **Escalator Maintenance**
1.5 contact hours credit (0.15 CEUs)



Approved by:

- ✦ National Association of Elevator Contractors for CET®/CAT®
- ✦ NAESA for QEI
- ✦ States of: Alabama, Florida, Georgia, Kentucky, Pennsylvania, Virginia, Washington and West Virginia

Program Materials

The ***Elevator and Escalator Maintenance Course Series*** is based on the following book, which can be purchased separately from Elevator World.

***Elevator Maintenance Manual* by Zack McCain**

An in-depth guide, designed for the service technician, covering elevator maintenance programs and practices as related to electric and hydraulic elevators. It also covers escalators and moving walks. This publication is a comprehensive "how-to" guide that can be used for training classes or home study. In addition to technical material, the manual presents topics such as: Public Relations, Maintenance Safety, Maintenance Control and Trouble Shooting.

Cost: \$63.25 (nonsubscriber) or \$53.76 (EW subscribers)

Learning Objectives

By studying the required materials to take the exam, the reader will have had the opportunity to learn about:

- The safe and proper methods for performing service, cleaning and light repair on traction elevators, hydraulic elevators, escalators and moving walks
- Mastering techniques important in all phases of maintenance

Curriculum

The following are some areas of maintenance covered:

General Elevator Maintenance:

- Lubrication
- Bolting Practices
- Elevator Rope Maintenance
- Wiring Diagrams
- Belts and Chains
- Maintenance Safety

Hydraulic Elevator Maintenance:

- Machine Room Service
- Service in the Hoistway and Car Top
- Pit and Bottom Car Maintenance
- Inside Car Service

Traction Elevator Maintenance:

- Machine Room Service
- Service in the Hoistway and Car Top
- Pit and Bottom of Car Maintenance
- In Car and Outside Hoistway Service

Escalator Maintenance:

- General Escalator Service Safety
- Exterior Maintenance
- Interior Maintenance

Testing for Contact Hours

Elevator and Escalator Maintenance Course Series — All tests listed below are included, for a total of eleven and one-half (11.5) contact hours toward recertification. Testing fee is \$230.00 (non subscribers) or \$195.50 (EW subscribers).

General Elevator Maintenance Course — 80 multiple-choice questions will be chosen at random and the candidate will have 90 minutes to take the exam. Four and one-half (4.5) contact hours toward recertification. Testing fee is \$100.00 (non subscribers) or \$85.50 (EW subscribers).

Traction Elevator Maintenance Course — 80 multiple-choice questions will be chosen at random and the candidate will be allowed 90 minutes to take the exam. Three and one-half (3.5) contact hours toward recertification. Testing fee is \$80.00 (non subscribers) or \$68.00 (EW subscribers).

Hydraulic Elevator Maintenance Course — 30 multiple-choice questions will be chosen at random and the candidate will be allowed 40 minutes to take the exam. Two (2.0) contact hours toward recertification. Testing fee is \$50.00 (non subscribers) or \$42.50 (EW subscribers).

Escalator Maintenance Course — 25 multiple-choice questions will be chosen at random and the candidate will be allowed 35 minutes to take the exam. One and one-half (1.5) contact hours toward recertification. Testing fee is \$40.00 (non subscribers) or \$34.00 (EW subscribers).

Course Specifics

- Applicants will be allowed one free retake of the exam. Subsequent retakes will be \$25.00 each.
- The testing company is **Exambuilder.com**. All testing will be on its server, and Elevator World will be charged for each person taking the exam. A database of persons taking the test along with their scores and dates, will be kept at Exambuilder.com and at Elevator World. All pertinent information will be kept in a database for a minimum of seven years.
- After the test is taken the student will be able to determine immediately if he or she passed or failed. **A passing score is 80%.** A certificate of completion can be printed by the candidate.

Provider Information

Elevator World, Inc. is the largest publisher in the world devoted to the elevator industry: publishing a monthly journal; compiling the Elevator World SOURCE®, the most inclusive directory in the industry; publishing numerous books used for industry education; maintaining ELENET, a biweekly email newsletter; and developing the Elevator World online network, a group of specialized websites with more than 70,000 users a month. Elevator World is the publisher and distributor of the print-based materials for the four-year Certified Elevator Technician (CET) Education Program. The company is 62 years old and has played a key role in the transfer of knowledge in the vertical-transportation industry.

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